

NEBRASKA ICE REPORT

Section A

DATE: _____ mm/dd/yy TIME: _____ AM/PM RIVER NAME: _____

LOCATION OF OBSERVATION (See attached map grid):

Area/Site #: _____ or Lat: ____° ____' ____" Long: ____° ____' ____"

Location of nearest roads: _____

Location of nearest bridge: _____

Name of observer: _____ County _____

Is this a changed condition? ☐ Yes ☐ No Photographs ☐ Yes ☐ No

LOCAL WEATHER

Temperature: _____ °F Air: _____ °F Water: _____ °F
Precipitation: _____ in. Rain: _____ in. Snow: _____ in.
Wind: _____ mph. Average Speed: _____ mph. Direction: (Circle one) NW N NE
W E
SW S SE

RIVER CONDITION

☐ Bankfull _____ ft. ☐ Estimate Less Than Bankfull _____ ft. ☐ Nearest Gage Reading _____ ft.

Section B

☐ FREEZEUP

Border ice: Growth from shore _____ ft. _____ % of channel remaining open.

Moving ice: Types ☐ Frazil slush ☐ Frazil pans

☐ Fragmented sheet ice ☐ Large sheets ☐ Other

Percentage of open channel surface occupied by moving ice: _____ %

☐ CHARACTER OF INTACT ICE COVER

Location of downstream end of ice cover: Lat: ____° ____' ____" Long: ____° ____' ____"

Location of upstream end of ice cover: Lat: ____° ____' ____" Long: ____° ____' ____"

Surface roughness (check one):

☐ Smooth ☐ < 0.5 ft. ☐ < 1.0 ft. ☐ < 1.5 ft. ☐ > 1.5 ft.

Evidence of decay: ☐ Yes ☐ No ☐ Snow covered

If yes, check: ☐ Melting Snow ☐ Melting Ice ☐ Canded Ice

Cracks in ice cover: ☐ Yes ☐ No

If yes, check: ☐ Parallel to shore Distance from shore _____ ft. ☐ Perpendicular to shore

Evidence of fracturing along banks. ☐ Yes ☐ No

If yes, check:

☐ (a) Ice thickness when fracture occurred _____ ft. ☐ (b) Displacement: _____ ft. ☐ (c) Distance from shore: _____ ft

☐ BREAKUP

Cracks (check one): ☐ Parallel to shore ☐ Distance from shore: _____ ft. ☐ Perpendicular to shore.

Average distance between cracks: _____ ft.

Water on top of ice: ☐ Pooled ☐ Flowing ☐ None

Time ice started to move: _____ AM/PM _____ MM/DD/YY.

Time water was clear of ice: _____ AM/PM _____ MM/DD/YY.

Post movement: Height of shear walls along bank: _____ ft.

☐ ICE JAMS (Use only for ice jams in the process of building or breaking up)

Cause (check one): ☐ Freezeup ☐ Breakup

Condition at ice jam initiation point (check all that apply):

☐ Solid ice sheet ☐ Bend ☐ Bridge ☐ Island ☐ Reduction in water slope

☐ Other _____

Jam length: _____ mi (approx.)

Location of ice jam toe (downstream end), if known: Lat: ____° ____' ____" Long: ____° ____' ____"

Location of ice jam head (upstream end), if known: Lat: ____° ____' ____" Long: ____° ____' ____"

Height of shear walls along bank after jam release: _____ ft.

Nebraska Ice Report: *Additional Information*

Section C

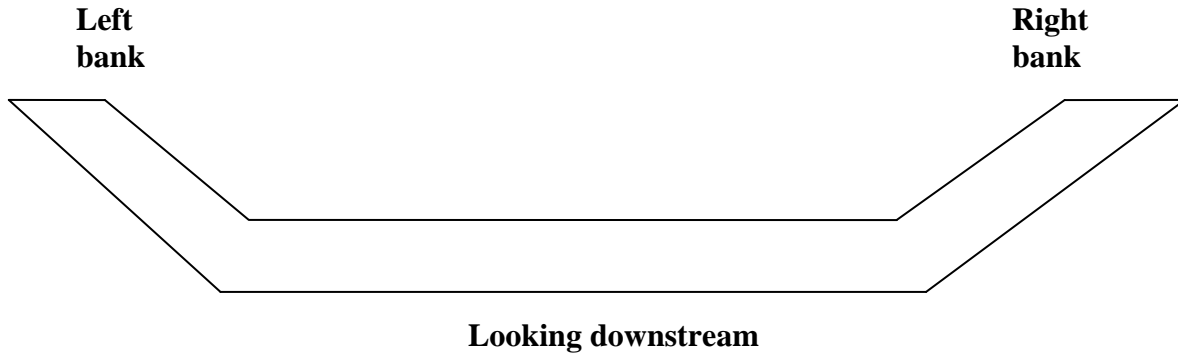
Observer: _____ Date: _____ Time: _____

River Name: _____

Location: _____

Sketches: Include approximate scale.
Illustrate character of ice cover, ice coverage, water level, etc.

1. River cross section:



2. River reach (use copy of map if available; show flow direction).

Comments on any aspect of ice quantity, quality, freezeup, breakup, jamming, weather, etc.:

Nebraska Department of Natural Resources
(402) 471-2363
FAX: 471-2900
Contact: Bill Jones

Nebraska Emergency Management Agency
(402) 471-7421
FAX: 471-7433
Contact: Lori Moore or Cynthia Newsham

US Army Corps of Engineers
(402) 221-4611
Contact: Roger Kay